

Claims

1. A method for enabling the monitoring of data associated with a telecommunication user (1), said data being transmitted
5 over a telecommunication network (4), by transmission of copies of the data to at least one listening station (LEA 6; 7; 8; 9),
wherein a copy of the data is sent by a switching device (VSGSN; HSGSN etc.) to a monitoring handling device (CIH 14)
10 and is in turn sent by the latter (CIH 14) to one (7) of a number of addresses of listening stations (LEA 6; 7; 8; 9) known to it (CIH 14) in each case,
c h a r a c t e r i z e d i n t h a t
the monitoring handling device (CIH 14) accesses a memory
15 containing a list of keys for listening stations (LEA 6/7/8/9) and transmits data in encrypted form to a listening station (LEA 6/7/8/9) using the key for said listening station (LEA 6/7/8/9).
- 20 2. The method according to one of the preceding claims [sic],
c h a r a c t e r i z e d i n t h a t
only the monitoring handling device (CIH 14) knows the addresses (LEA IP address of 6; 7; 8; 9) of the listening stations (LEA 6; 7; 8; 9), and in particular has stored said
25 addresses in a table.
3. The method according to one of the preceding claims,
c h a r a c t e r i z e d i n t h a t
the telecommunication network is a public land mobile
30 network.
4. The method according to one of the preceding claims,
c h a r a c t e r i z e d i n t h a t

the telecommunication network is a packet-switched network,
in particular an IP protocol network.

5. The method according to one of the preceding claims,
5 c h a r a c t e r i z e d i n t h a t
the switching devices (VSGSN 3; HSGSN...) send the copies of
the data to be intercepted to an interface switching device
(border gateway 11; 12) which knows the address of the
monitoring handling device (CIH 14), and in particular has
10 stored said address in a memory.
6. The method according to one of the preceding claims,
c h a r a c t e r i z e d i n t h a t
the listening stations (LEA 6; 7; 8; 9) have different
15 addresses (LEA IP address) which are known to the monitoring
handling device (CIH).
7. The method according to one of the preceding claims,
c h a r a c t e r i z e d i n t h a t
20 the monitoring handling device (14) is located in the same
network as the listening stations (7 to 9).
8. The method according to one of the preceding claims,
c h a r a c t e r i z e d i n t h a t
25 a security tunnel, in particular an IPsec tunnel, is set up
between the monitoring handling device (14) and the
interface switching devices (border gateway 11, 12) or will
be set up for the purpose of monitoring a call.
- 30 9. A device (CIH 14), in particular for performing the method
according to one of the preceding claims,
having an interface to at least one switching device (border
gateway 11, 12) for receiving data to be intercepted,

- having a memory containing a list of addresses and keys of a plurality of listening stations (6; 7; 8; 9),
- having an interface for transmitting data to be intercepted from a terminal device (1), said data having
5 been received by a switching device (11) via the first interface, to an IP address of a listening station (6; 7; 8; 9), said address having been identified on the basis of the identity of the user (MSISDN, ISDN, MEI etc.) and the list stored in a memory in the device (14).